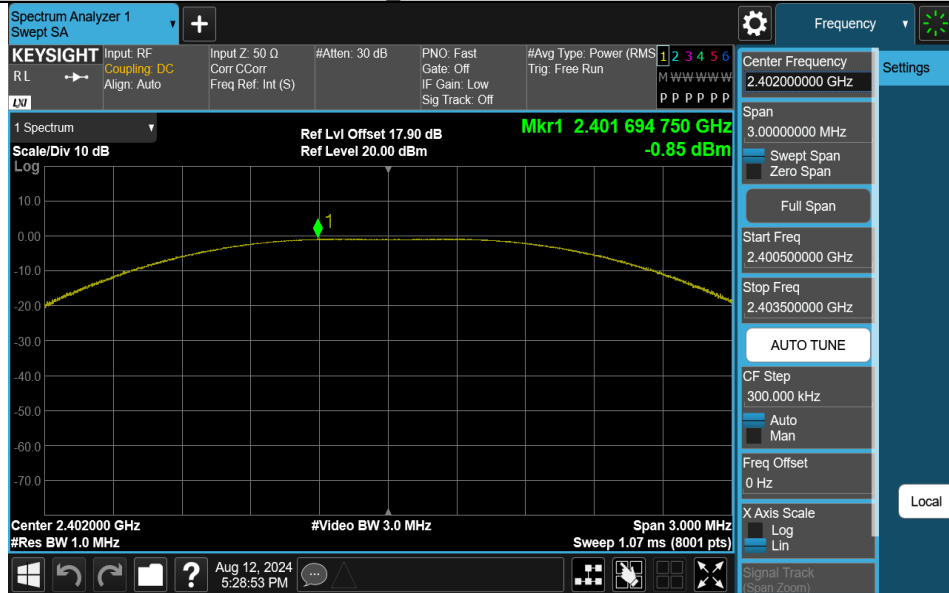


**Appendix B: Maximum conducted output power
Test Result Peak**

Test Mode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.85	≤30	PASS
BLE_1M	Ant1	2440	-1.92	≤30	PASS
BLE_1M	Ant1	2480	-2.48	≤30	PASS
BLE_2M	Ant1	2402	-0.72	≤30	PASS
BLE_2M	Ant1	2440	-1.69	≤30	PASS
BLE_2M	Ant1	2480	-2.29	≤30	PASS

Test Graphs Peak

BLE 1M-Ant1-2402-PASS



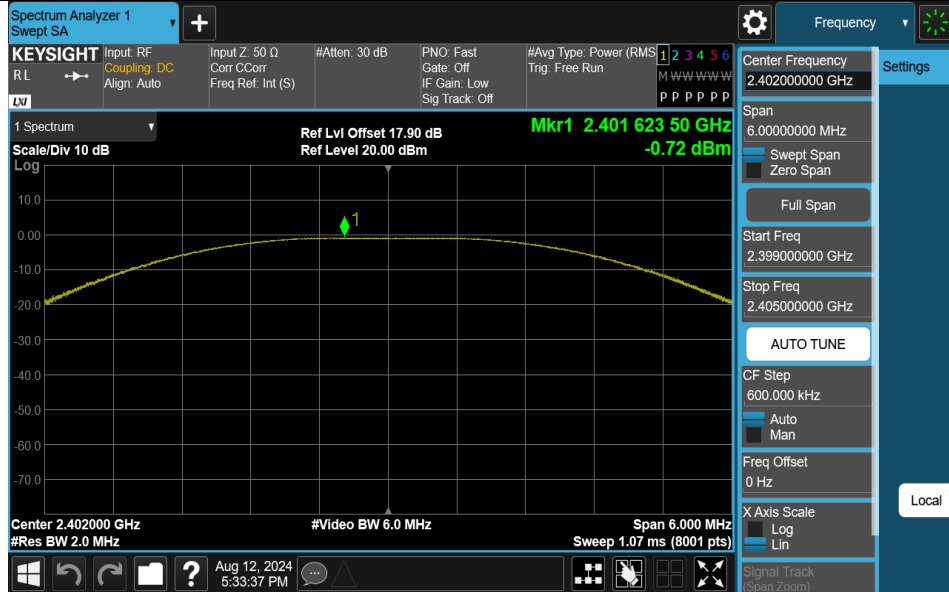
BLE 1M-Ant1-2440-PASS



BLE 1M-Ant1-2480-PASS



BLE 2M-Ant1-2402-PASS



BLE 2M-Ant1-2440-PASS



BLE 2M-Ant1-2480-PASS

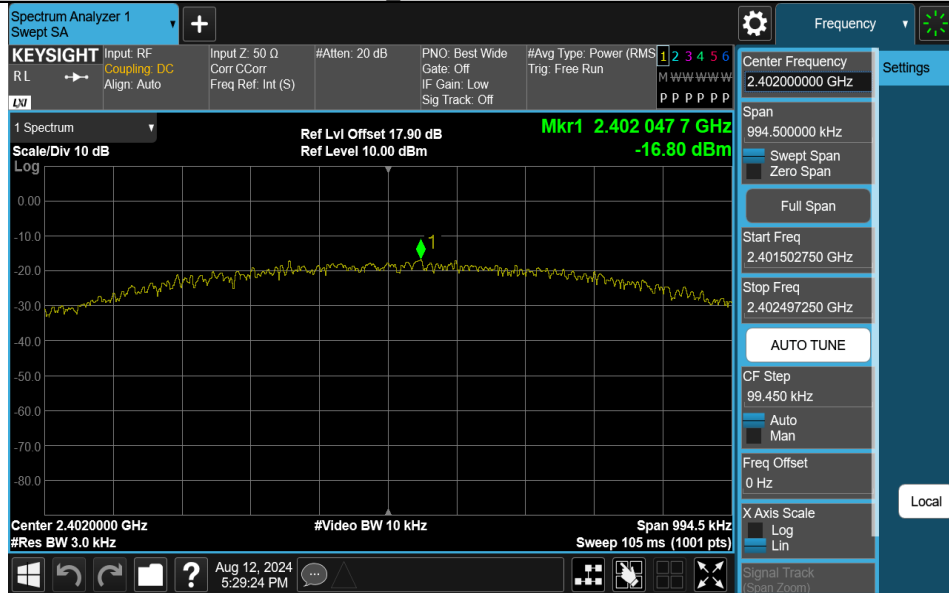


Appendix C: Maximum power spectral density Test Result

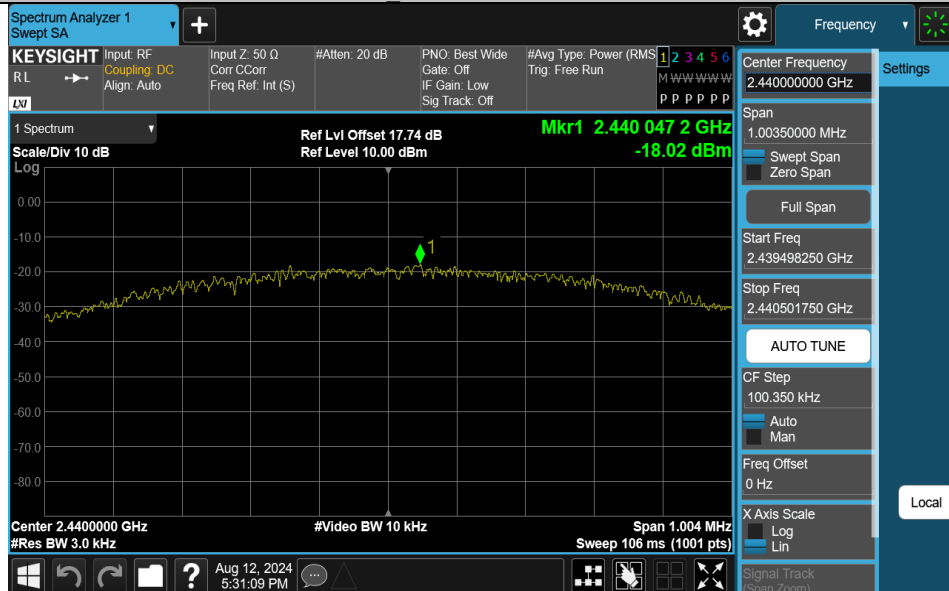
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.80	≤8.00	PASS
BLE_1M	Ant1	2440	-18.02	≤8.00	PASS
BLE_1M	Ant1	2480	-18.53	≤8.00	PASS
BLE_2M	Ant1	2402	-18.93	≤8.00	PASS
BLE_2M	Ant1	2440	-20.10	≤8.00	PASS
BLE_2M	Ant1	2480	-20.67	≤8.00	PASS

Test Graphs

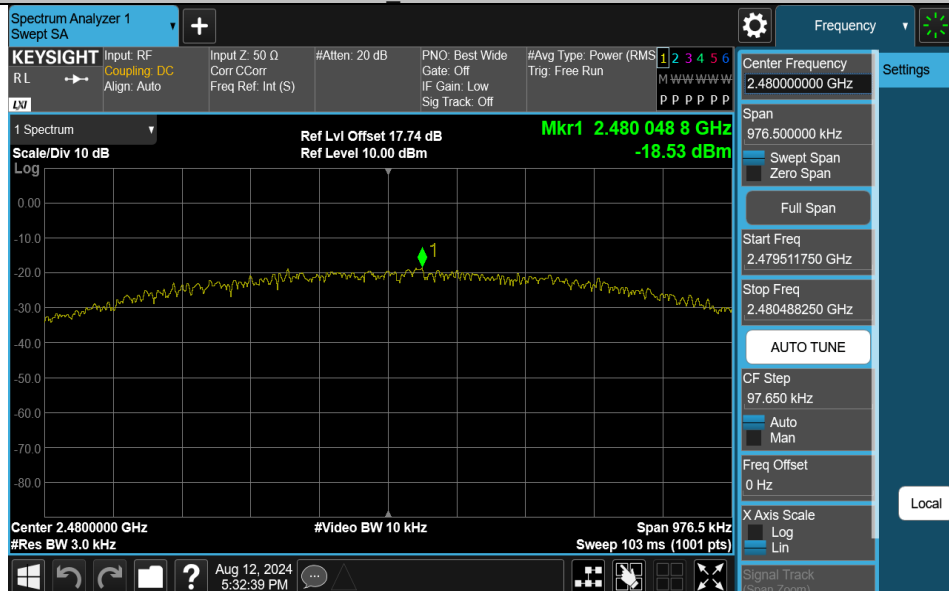
BLE 1M-Ant1-2402-PASS



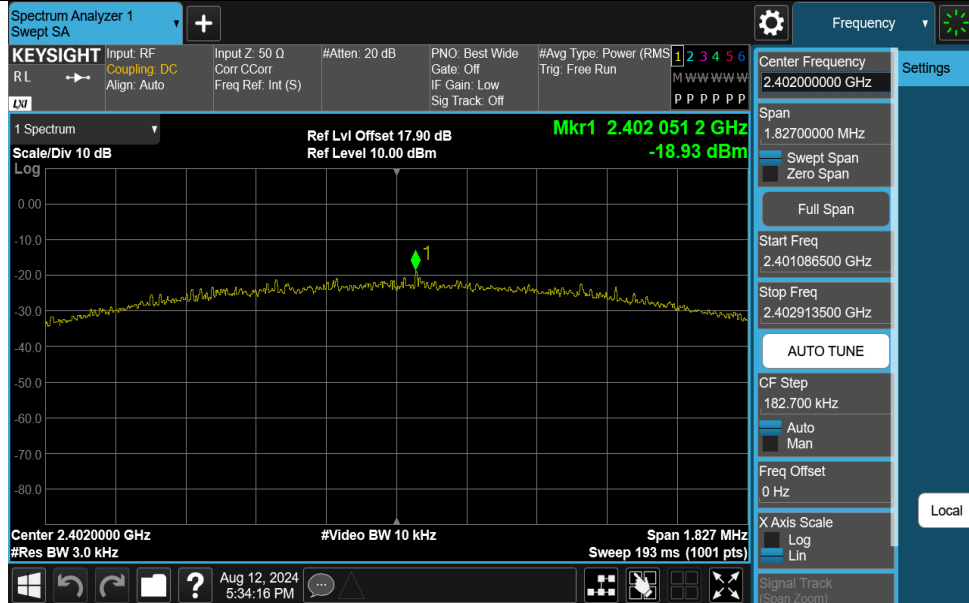
BLE 1M-Ant1-2440-PASS



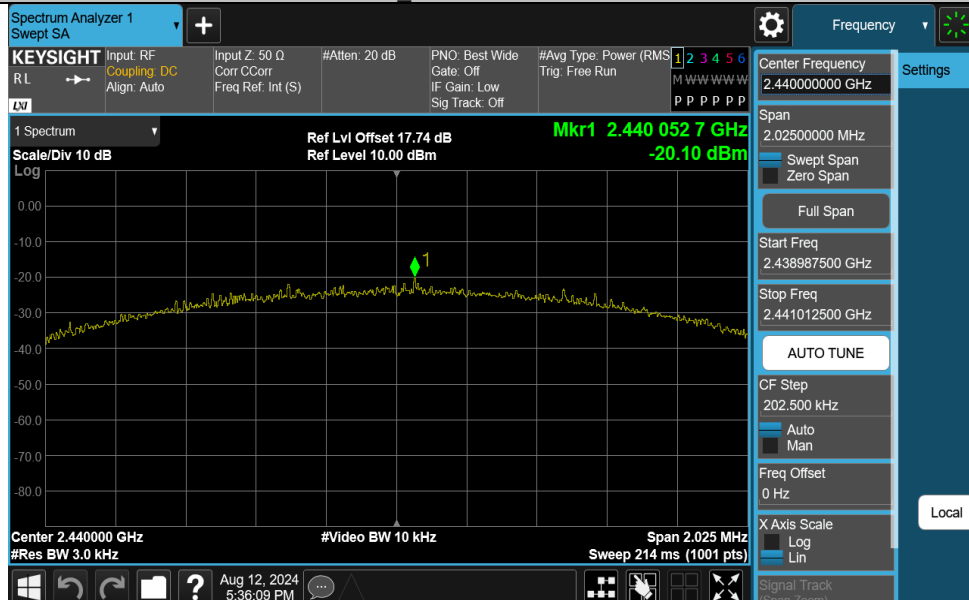
BLE 1M-Ant1-2480-PASS



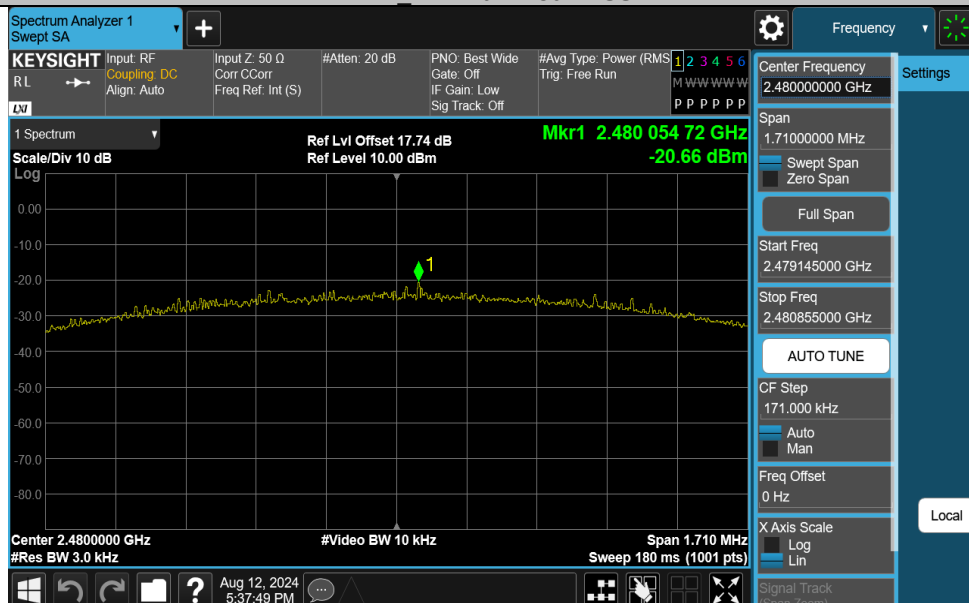
BLE 2M-Ant1-2402-PASS



BLE 2M-Ant1-2440-PASS



BLE 2M-Ant1-2480-PASS



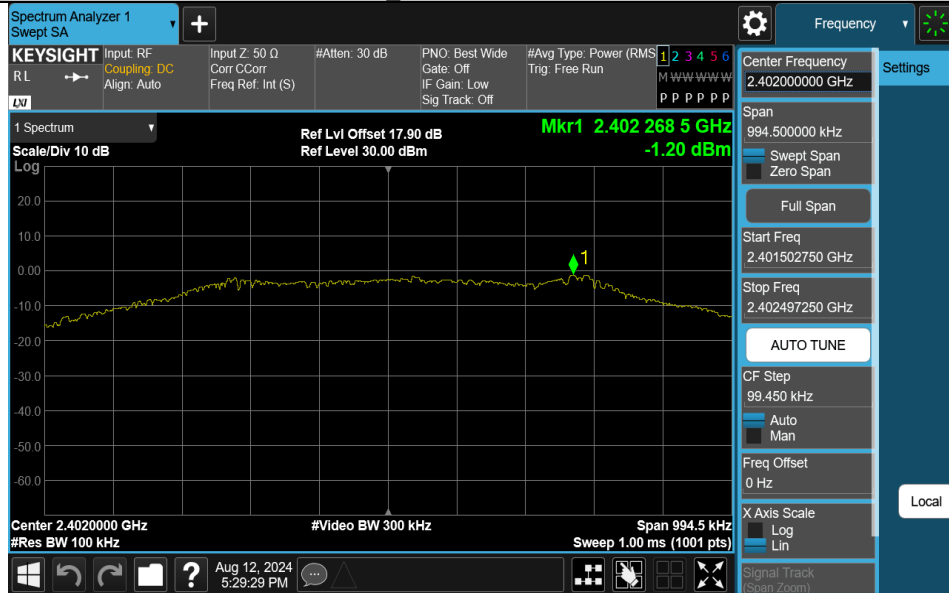
Appendix D: Reference level measurement

Test Result

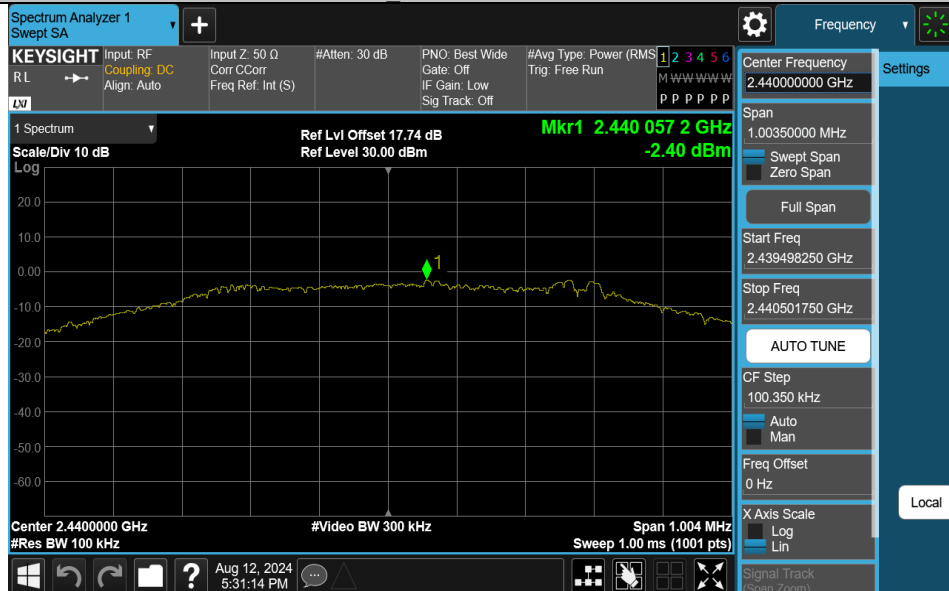
Test Mode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.27	-1.20
BLE_1M	Ant1	2440	2440.06	-2.40
BLE_1M	Ant1	2480	2480.26	-3.17
BLE_2M	Ant1	2402	2402.03	-1.85
BLE_2M	Ant1	2440	2440.10	-3.88
BLE_2M	Ant1	2480	2480.03	-3.69

Test Graphs

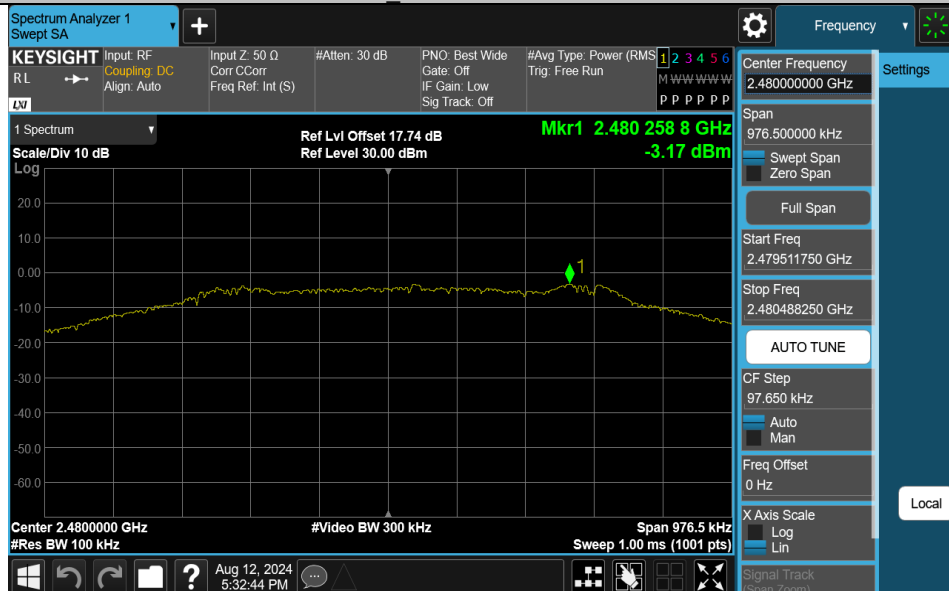
BLE 1M-Ant1-2402-PASS



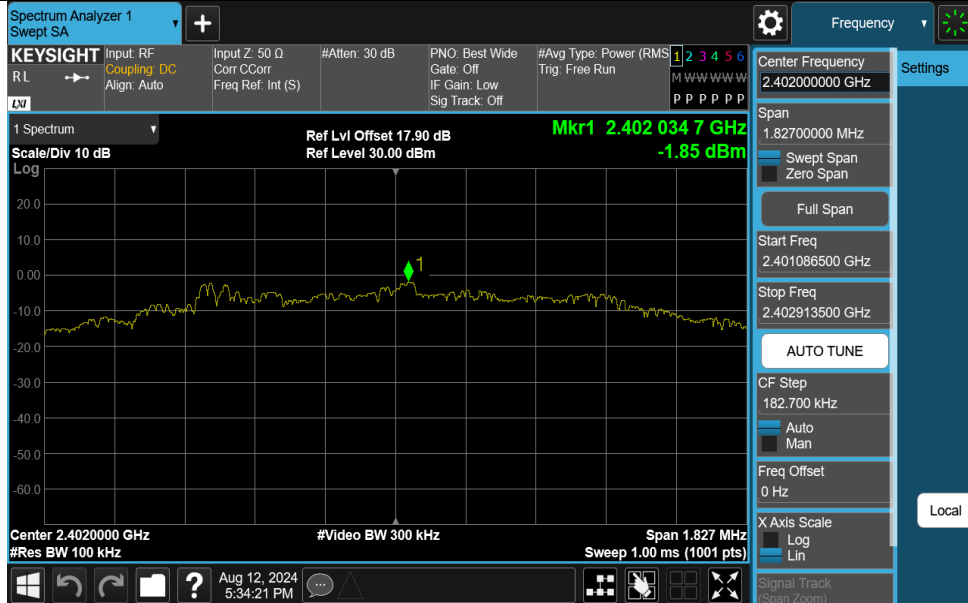
BLE 1M-Ant1-2440-PASS



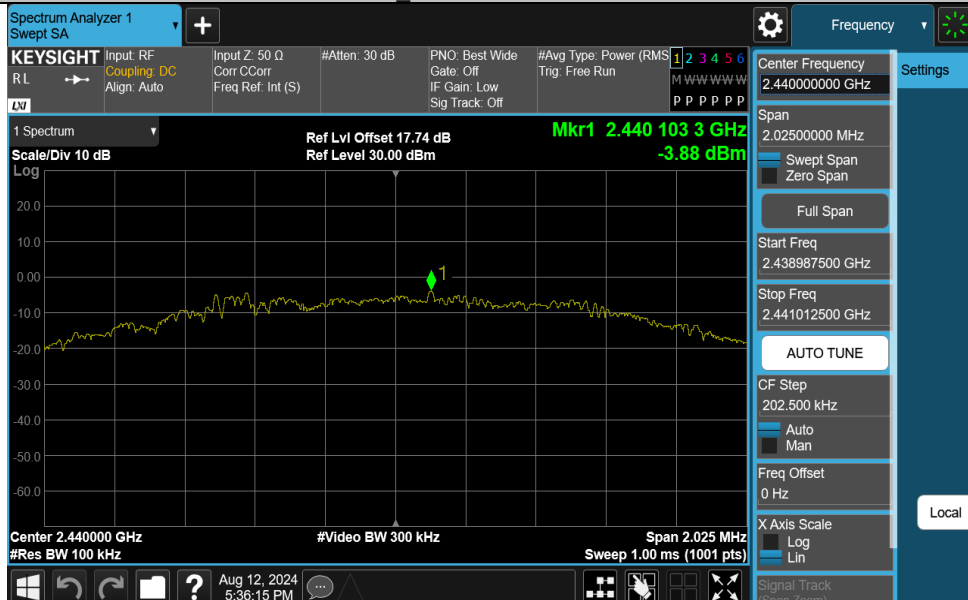
BLE 1M-Ant1-2480-PASS



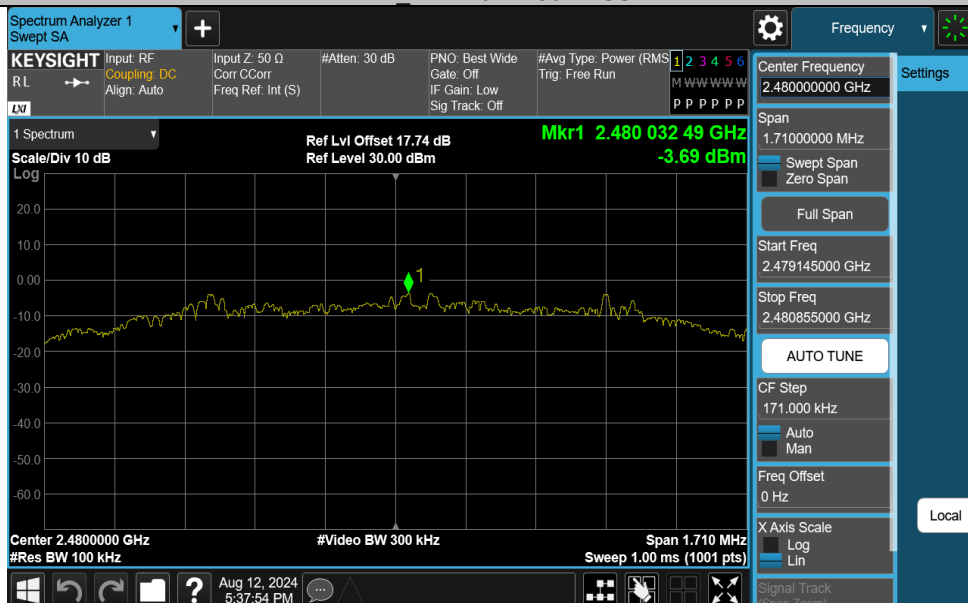
BLE 2M-Ant1-2402-PASS



BLE 2M-Ant1-2440-PASS



BLE 2M-Ant1-2480-PASS



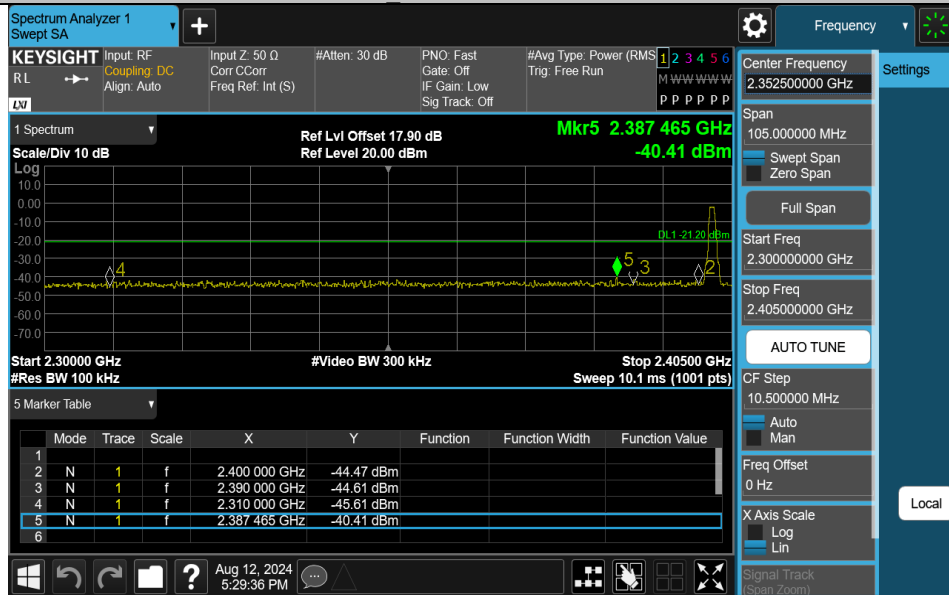


Appendix E: Band edge measurements
Test Result

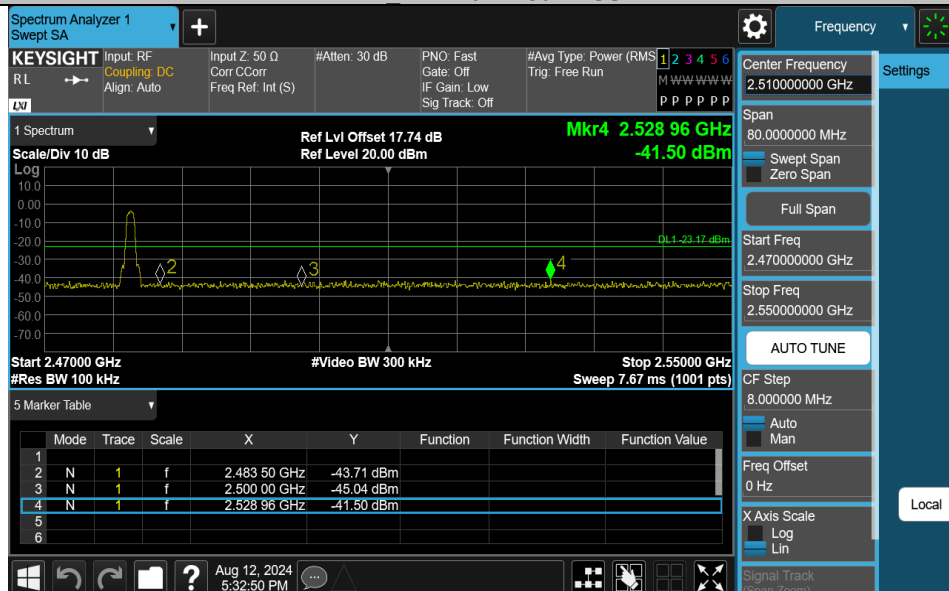
Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.20	-40.41	≤-21.2	PASS
BLE_1M	Ant1	High	2480	-3.17	-41.5	≤-23.17	PASS
BLE_2M	Ant1	Low	2402	-1.85	-37.67	≤-21.85	PASS
BLE_2M	Ant1	High	2480	-3.69	-41.26	≤-23.69	PASS

Test Graphs

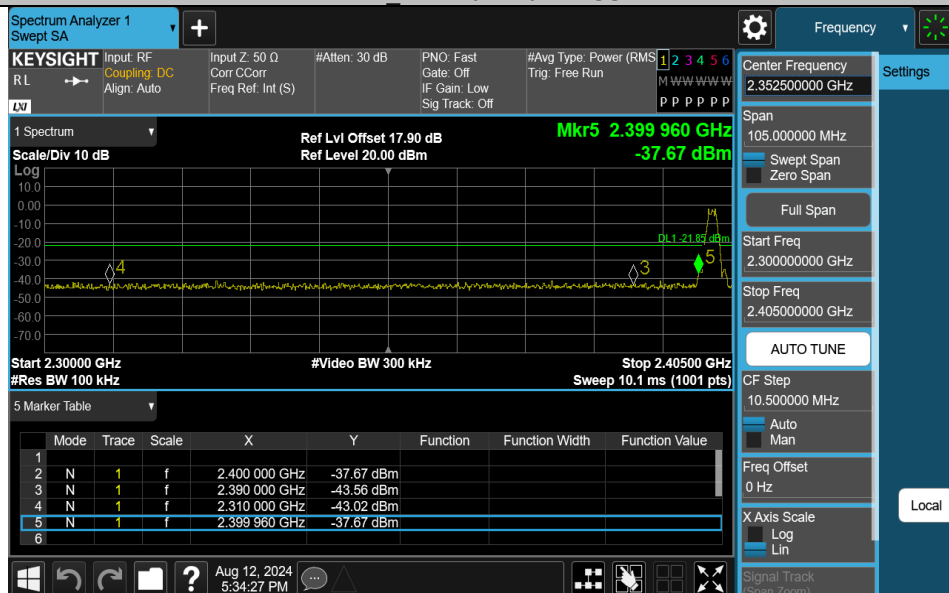
BLE 1M-Ant1-2402-PASS



BLE 1M-Ant1-2480-PASS

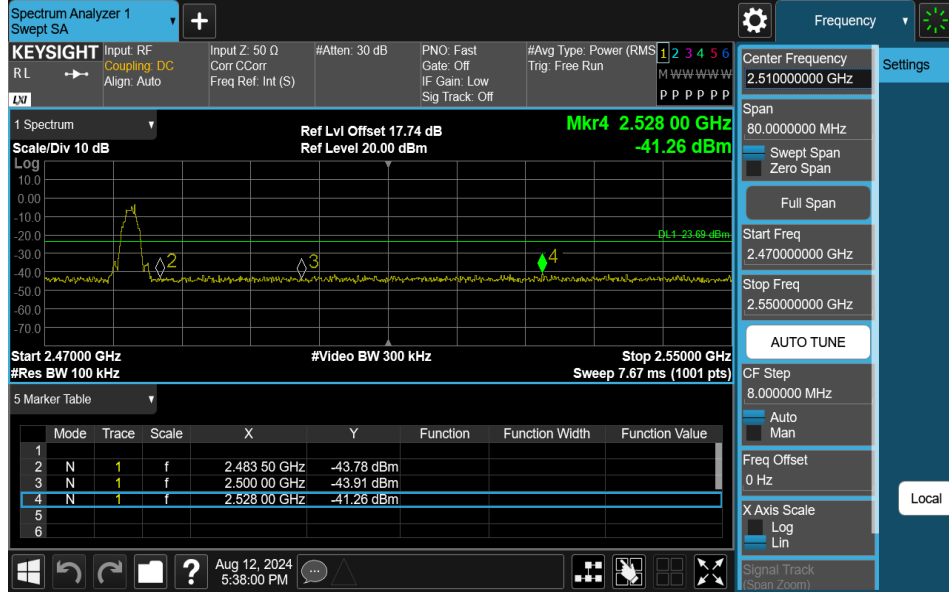


BLE 2M-Ant1-2402-PASS





BLE 2M-Ant1-2480-PASS

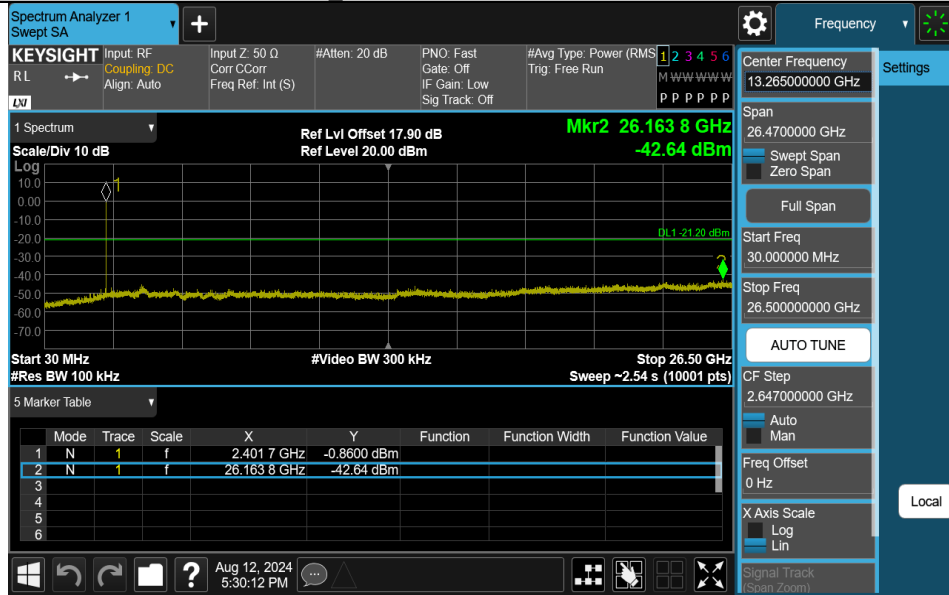


Appendix F: Conducted Spurious Emission Test Result

Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~26500	-1.20	-42.64	≤-21.2	PASS
BLE_1M	Ant1	2440	30~26500	-2.40	-43.34	≤-22.4	PASS
BLE_1M	Ant1	2480	30~26500	-3.17	-42.53	≤-23.17	PASS
BLE_2M	Ant1	2402	30~26500	-1.85	-42.62	≤-21.85	PASS
BLE_2M	Ant1	2440	30~26500	-3.88	-42.99	≤-23.88	PASS
BLE_2M	Ant1	2480	30~26500	-3.69	-43.17	≤-23.69	PASS

Test Graphs

BLE 1M-Ant1-2402-30~26500-PASS



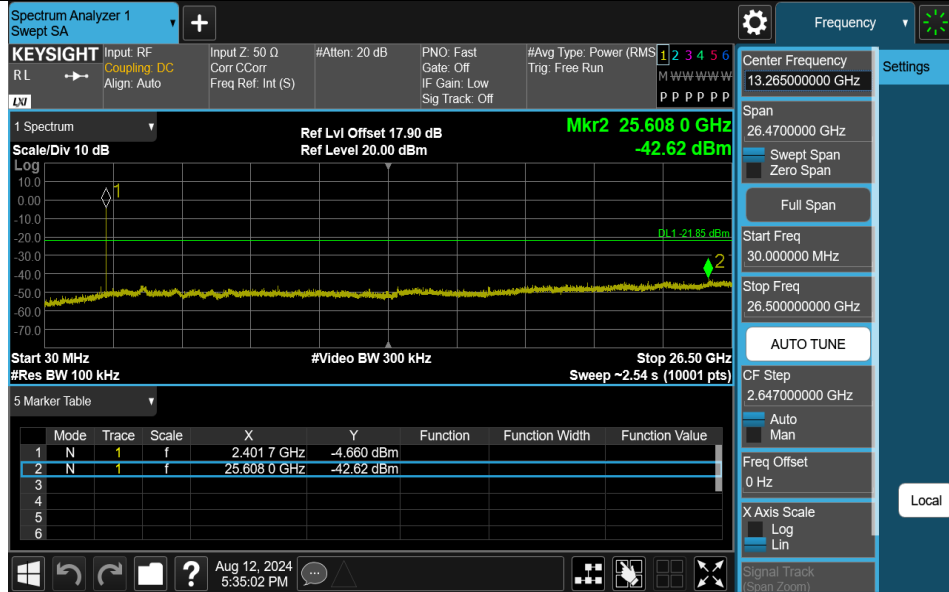
BLE 1M-Ant1-2440-30~26500-PASS



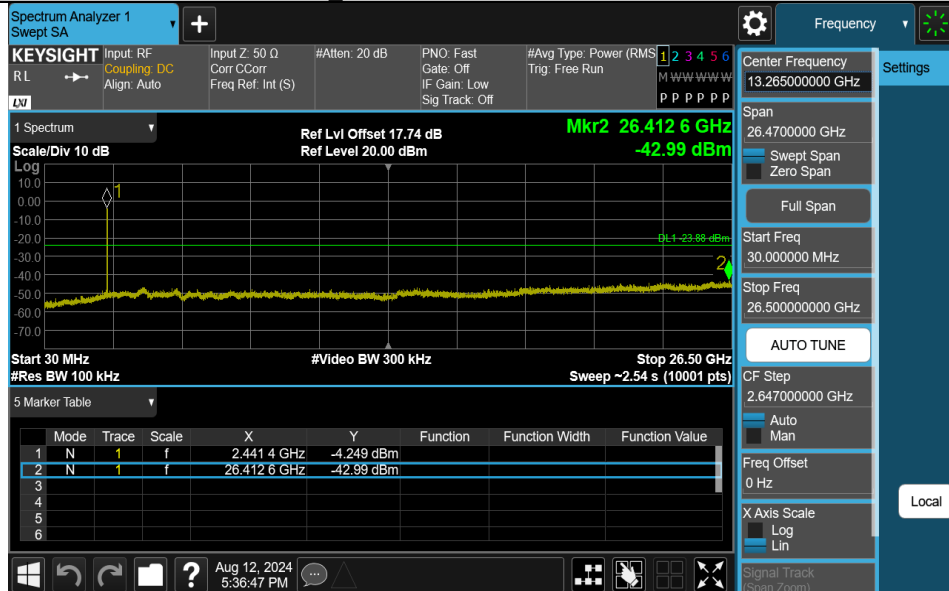
BLE 1M-Ant1-2480-30~26500-PASS



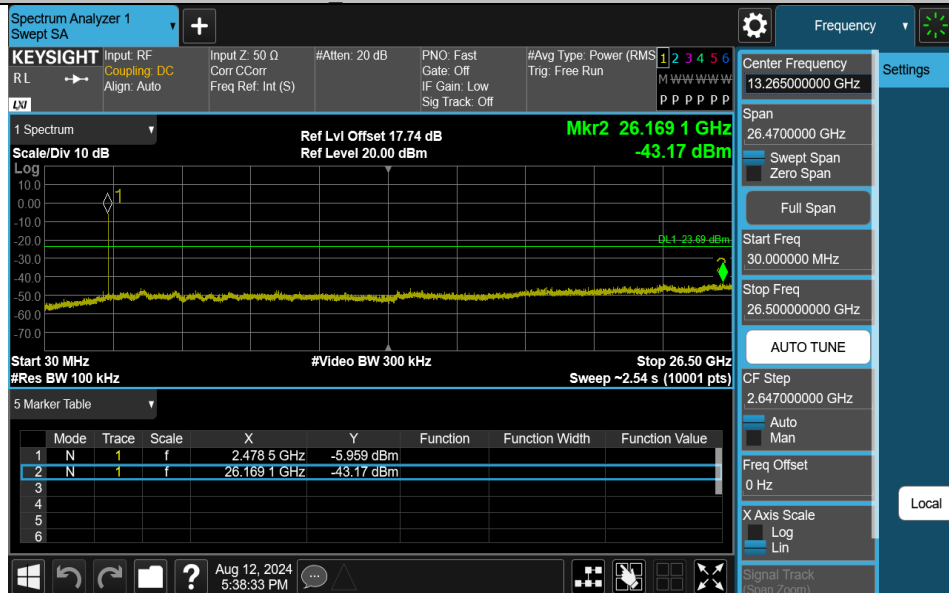
BLE 2M-Ant1-2402-30~26500-PASS



BLE 2M-Ant1-2440-30~26500-PASS



BLE 2M-Ant1-2480-30~26500-PASS



Appendix G: Duty Cycle Test Result

Test Mode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2440	2.13	2.50	85.20	0.70
BLE_2M	Ant1	2440	1.08	2.49	43.37	3.63

Test Graphs



11. TEST SETUP PHOTO

Radiated Test (Below 1GHz)



Radiated Test (Above 1GHz)



12. EUT PHOTO

External Photos
M/N: EDF280041



External Photos
M/N: EDF280041



External Photos
M/N: EDF280041



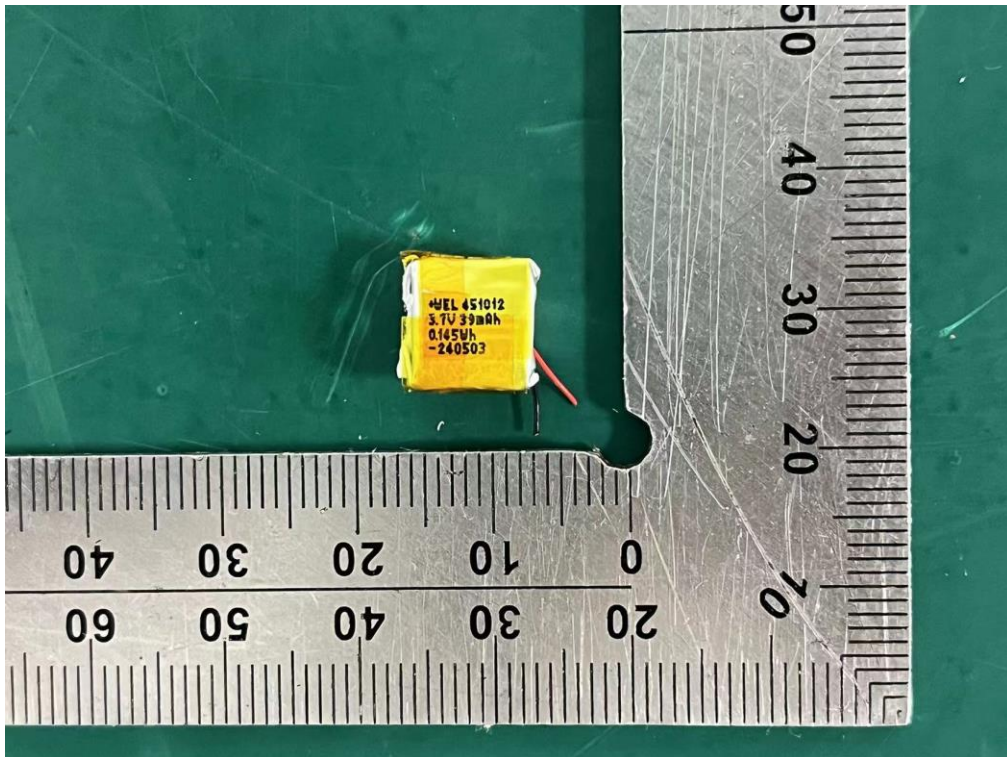
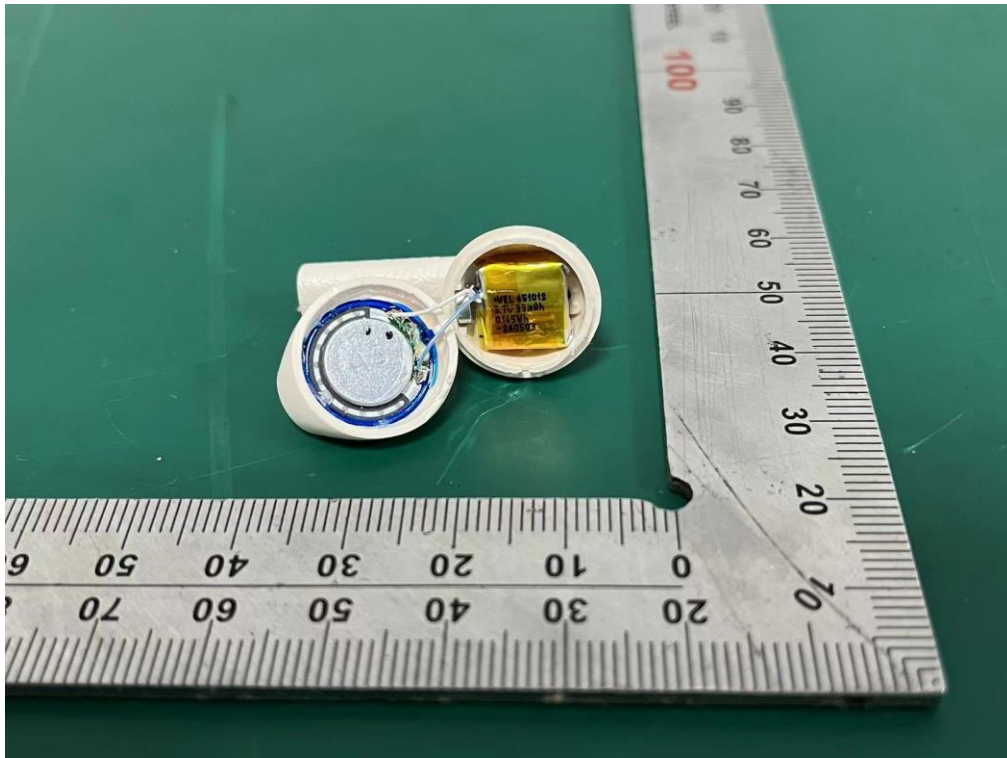
External Photos
M/N: EDF280041



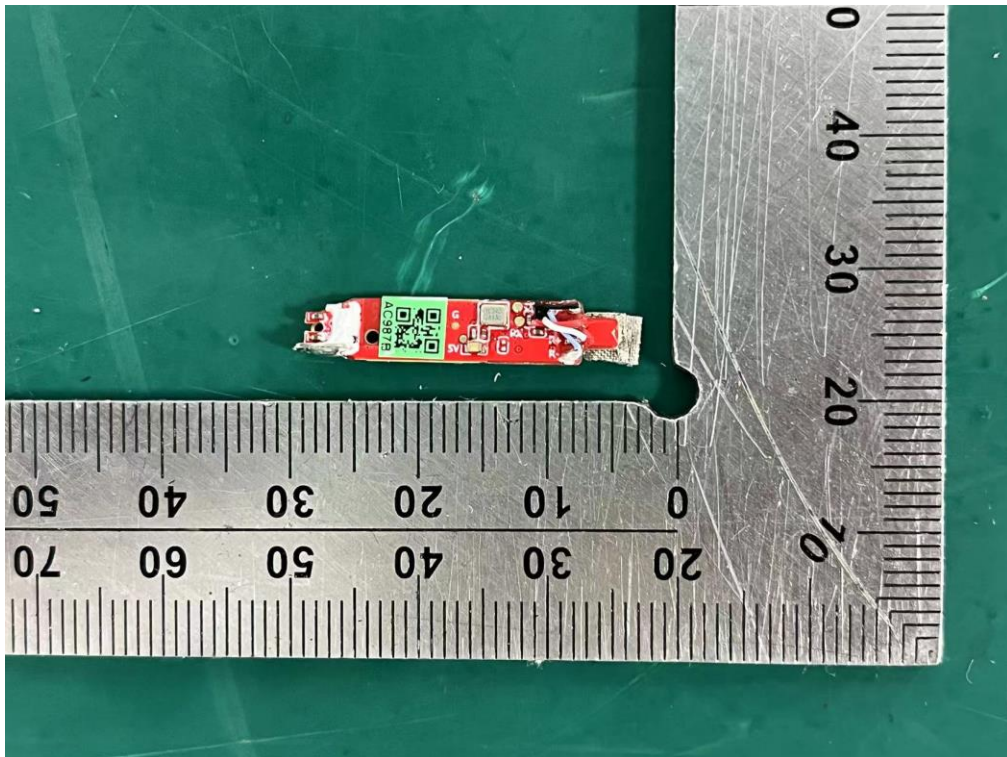
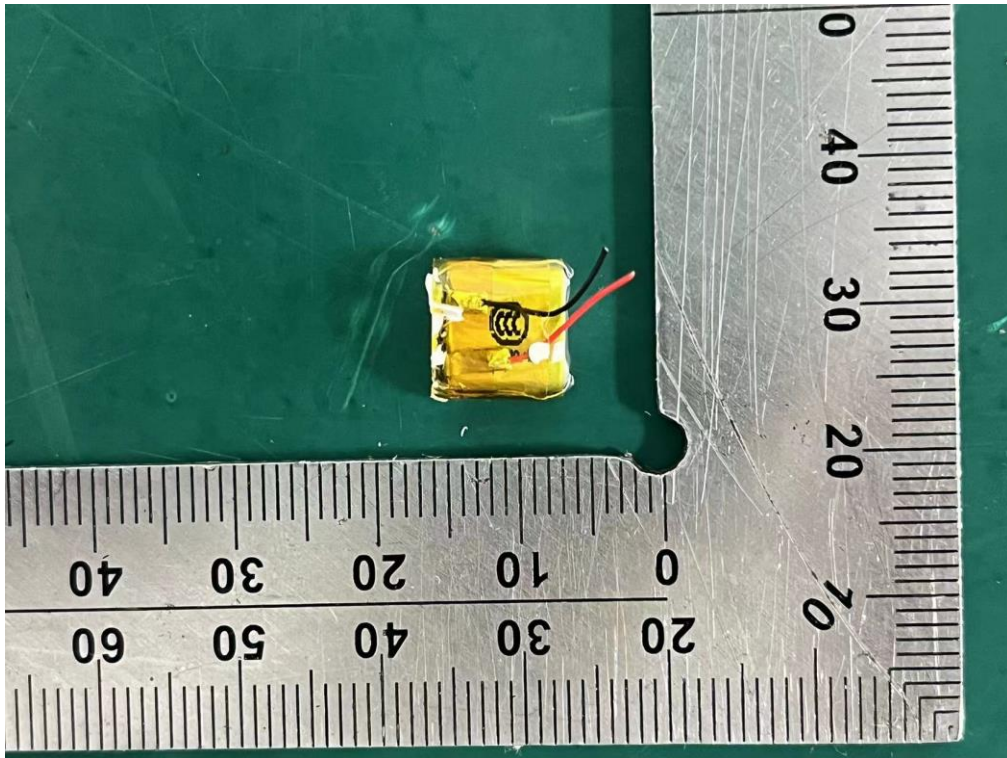
External Photos
M/N: EDF280041



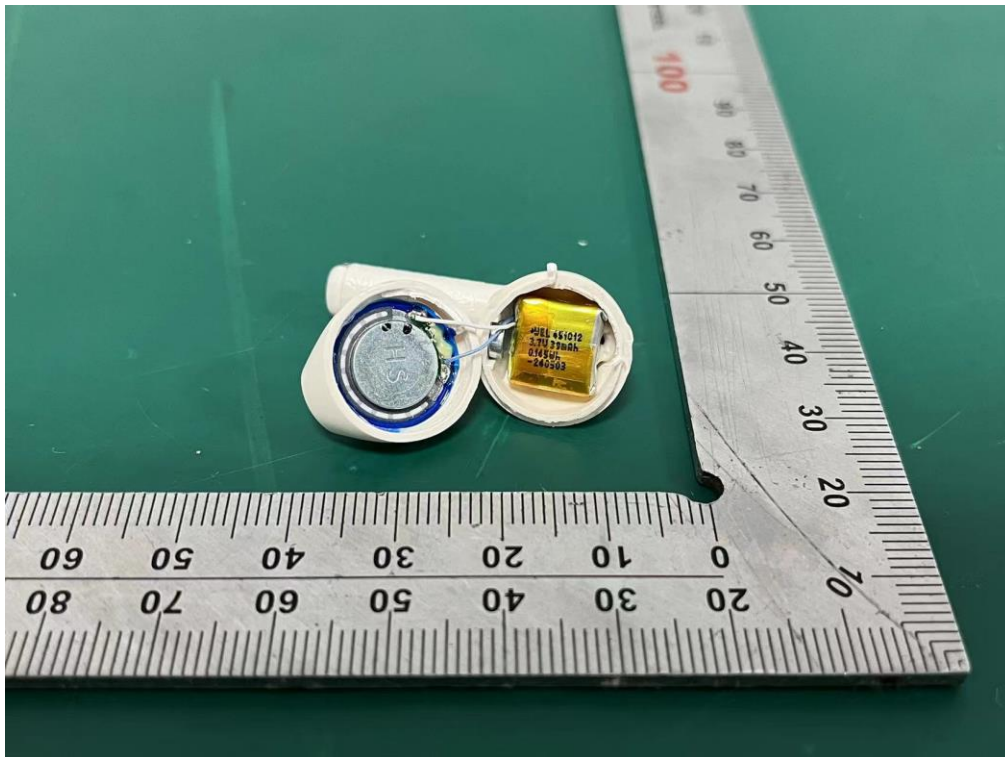
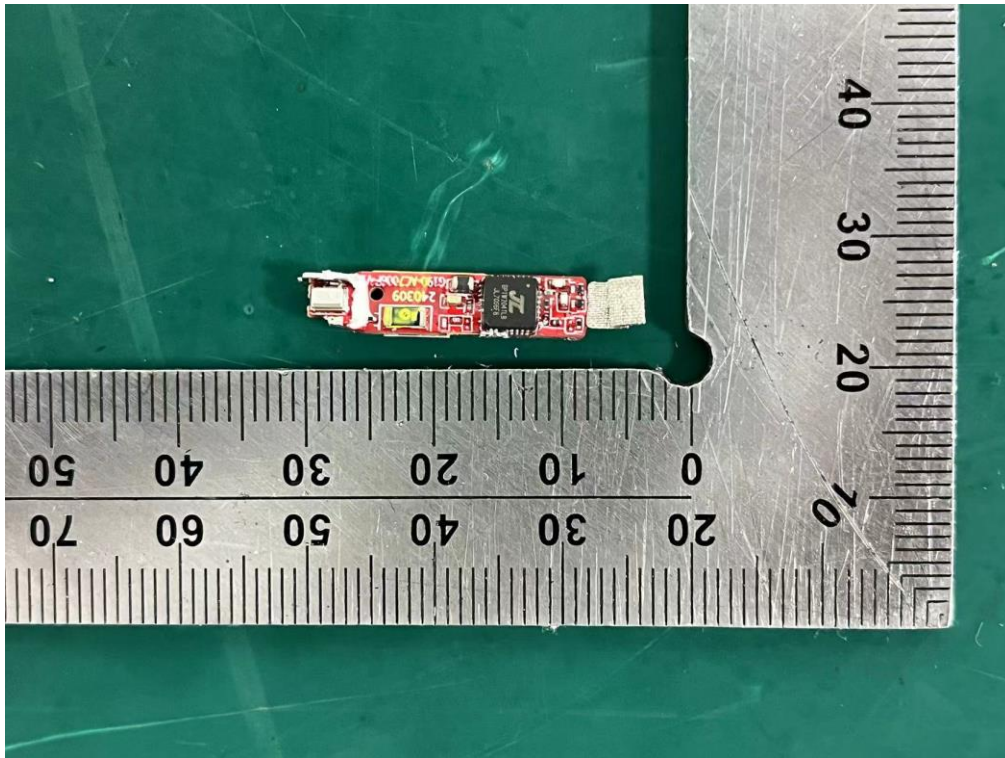
Internal Photos
M/N: EDF280041



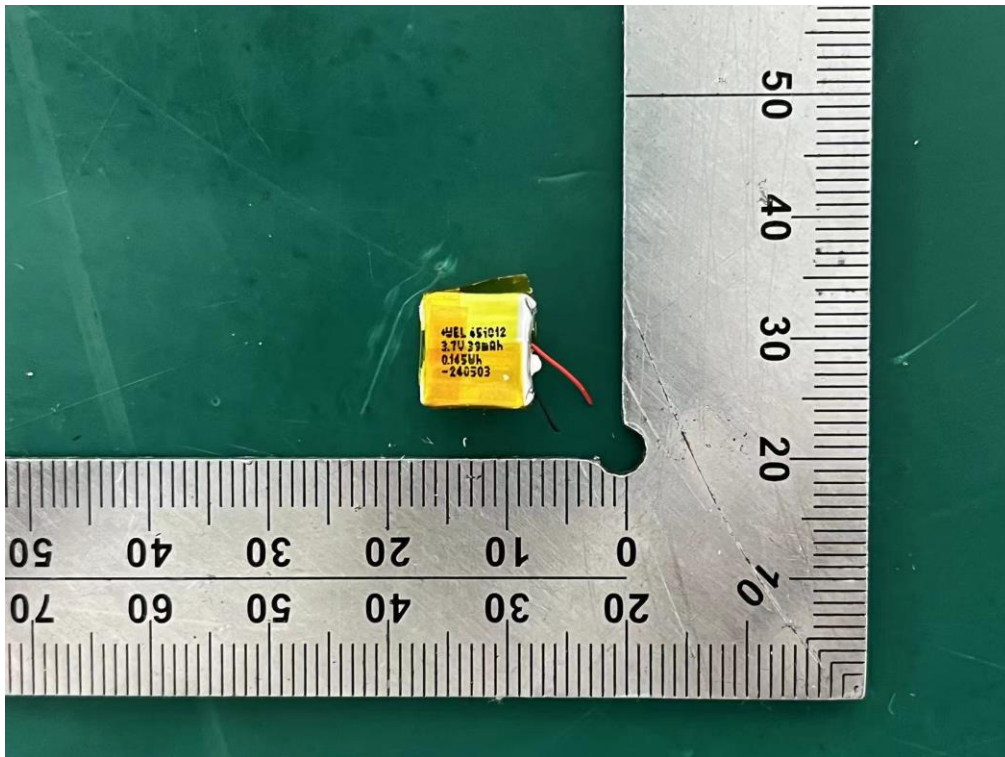
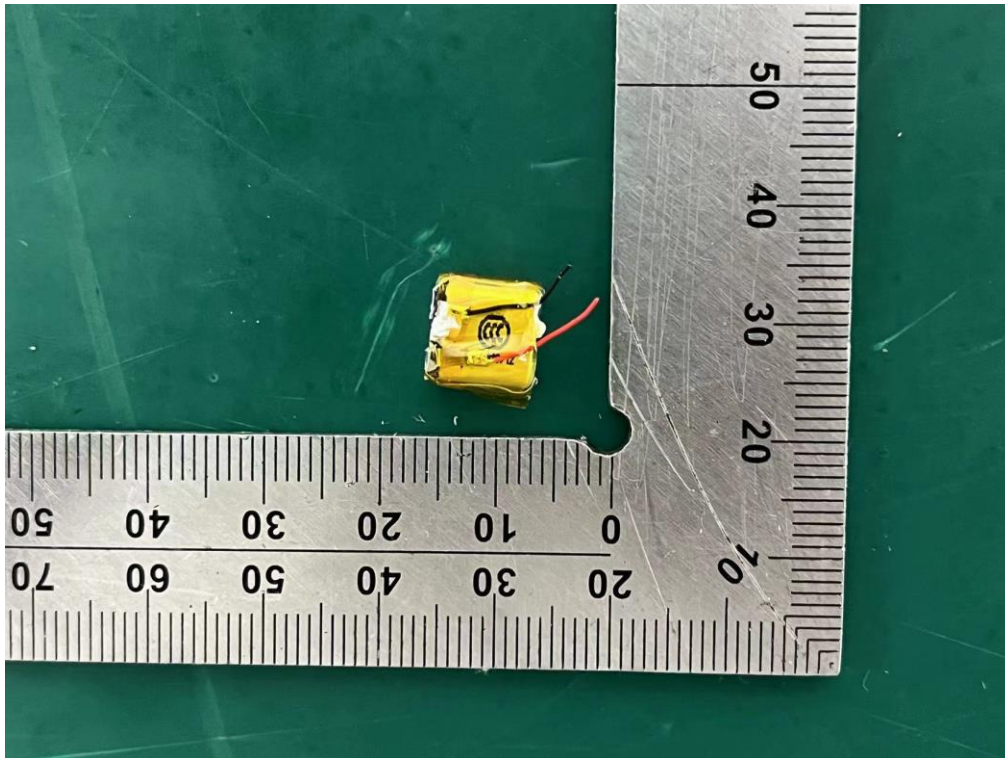
Internal Photos
M/N: EDF280041



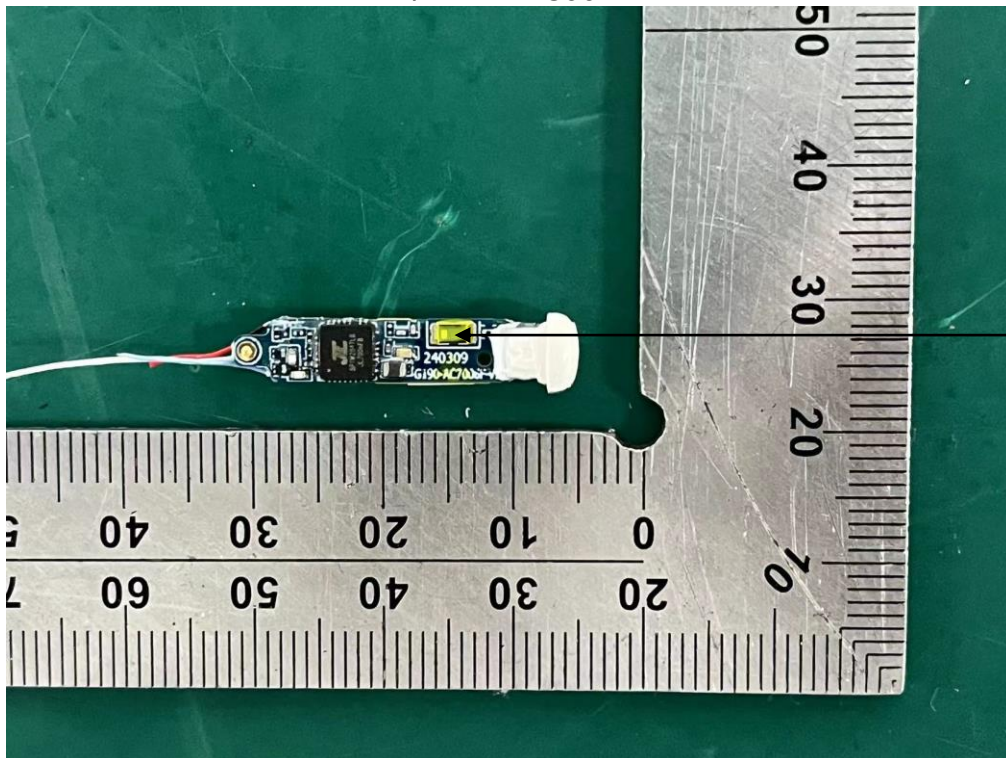
Internal Photos
M/N: EDF280041



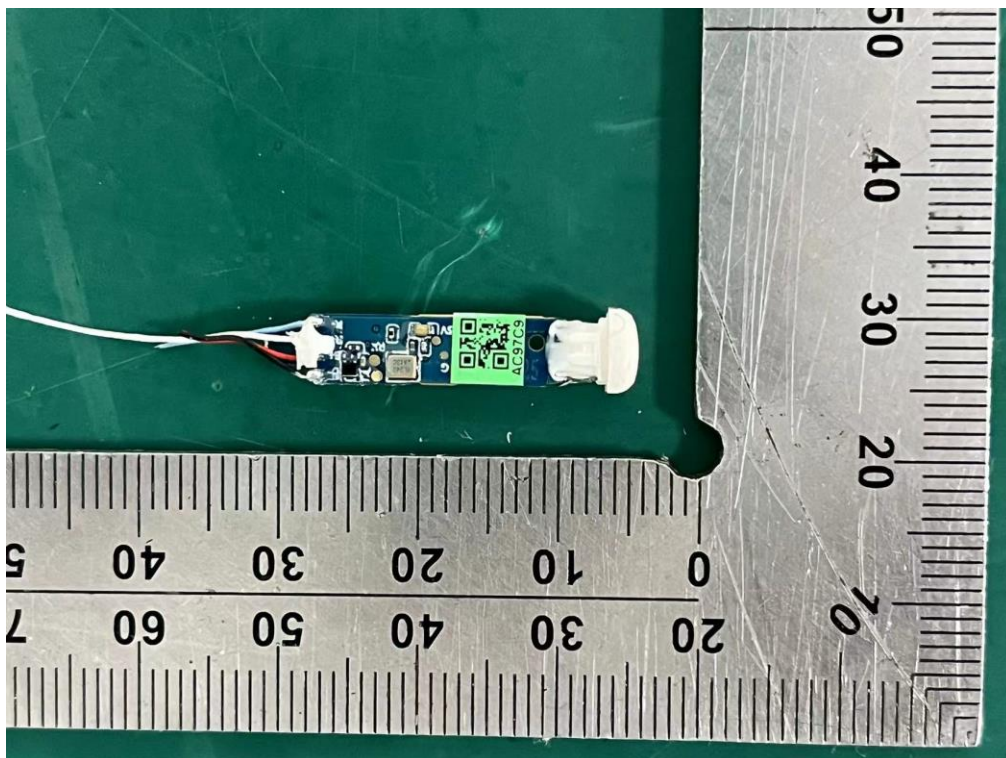
Internal Photos
M/N: EDF280041



Internal Photos
M/N: EDF280041



Bluetooth
Antenna



End of Test Report